

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/535,341
Source: IFWP
Date Processed by STIC: 10/12/2006

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 10/12/2006
PATENT APPLICATION: US/10/535,341 TIME: 09:24:52

Input Set : E:\seq_430156_401uspc.app.txt
Output Set: N:\CRF4\10122006\J535341.raw

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1 <110> APPLICANT: Jung, Sung Youb
2           Kim, Jin Sun
3           Yang, Geun Hee
4           Kwon, Se Chang
5           Lee, Gwan Sun
7 <120> TITLE OF INVENTION: IgG Fc FRAGMENT FOR A DRUG CARRIER AND METHOD FOR
THE PREPARATION
8           THEREOF
10 <130> FILE REFERENCE: 430156.401USPC
12 <140> CURRENT APPLICATION NUMBER: US 10/535,341
C--> 13 <141> CURRENT FILING DATE: 2005-05-17
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17 <170> SOFTWARE: KopatentIn 1.71
19 <210> SEQ ID NO: 1
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21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: primer
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35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: primer
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46 <211> LENGTH: 12
47 <212> TYPE: PRT
48 <213> ORGANISM: Homo sapiens
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55 <210> SEQ ID NO: 4
56 <211> LENGTH: 663
57 <212> TYPE: DNA
58 <213> ORGANISM: homo sapiens
60 <400> SEQUENCE: 4
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63	
aaggacactc tcatgatctc ccggaccctt gaggtcacgt gcgtgggtgg ggacgtgagc	120
65	
caggaagacc ccgaggtcca gttcaactgg tacgtggatg gcgtggaggt gcataatgcc	180

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67	aagacaaggc	cgcgggagga	gcagttcaac	agcacgtacc	gtgtggtcag	cgtcctcacc	240
69	gtcctgcacc	aggactggct	gaacggcaag	gagtacaagt	gcaaggcttc	caacaaaggc	300
71	ctcccgctct	ccatcgagaa	aaccatctcc	aaagccaaag	ggcagccccg	agagccacag	360
73	gtgtacaccc	tgcccccatc	ccaggaggag	atgaccaaga	accaggtcag	cctgacctgc	420
75	ctggtcaaag	gcttctaccc	cagcgacatc	gccgtggagt	gggagagcaa	tggcagccg	480
77	gagaacaact	acaagaccac	gcctcccg	ctggactccg	acggctc	ttccctctac	540
79	agcaggctaa	ccgtggacaa	gagcaggtgg	caggaggga	atgtttctc	atgtccgtg	600
81	atgcatgagg	ctctgcacaa	ccactacaca	cagaagagcc	tctccgtc	tctggtaaa	660
83	tga						663
86	<210> SEQ ID NO: 5						
87	<211> LENGTH: 69						
88	<212> TYPE: DNA						
89	<213> ORGANISM: homo sapiens						
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94	gcccaggcgc						69
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99	<212> TYPE: DNA						
100	<213> ORGANISM: Artificial Sequence						
102	<220> FEATURE:						
103	<223> OTHER INFORMATION: primer						
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124	<211> LENGTH: 220						
125	<212> TYPE: PRT						
126	<213> ORGANISM: homo sapiens						
128	<400> SEQUENCE: 8						
129	Ser Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro Ser Val Phe Leu Phe						
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132	Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val						

133	20	25	30
135	Thr Cys Val Val Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe		
136	35	40	45
138	Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro		
139	50	55	60
141	Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr		
142	65	70	75
144	Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val		
145	85	90	95

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147 Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala
 148 100 105 110
 150 Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln
 151 115 120 125
 153 Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly
 154 130 135 140
 156 Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro
 157 145 150 155 160
 159 Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser
 160 165 170 175
 162 Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys Ser Arg Trp Gln Glu
 163 180 185 190
 165 Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His
 166 195 200 205
 168 Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly Lys
 169 210 215 220

172 <210> SEQ ID NO: 9

173 <211> LENGTH: 654

174 <212> TYPE: DNA

175 <213> ORGANISM: homo sapiens

177 <400> SEQUENCE: 9

178

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182						
cccgaggatcc	agttcaactg	gtacgtggat	ggcgtggagg	tgcataatgc	caagacaaag	180
184						
ccgcgggagg	agcagttcaa	cagcacgtac	cgtgtggtca	gcgtcctcac	cgtcctgcac	240
186						
caggactggc	tgaacggcaa	ggagtacaag	tgcaaggct	ccaacaaagg	cctcccgat	300
188						
tccatcgaga	aaaccatctc	caaagccaaa	ggcagcccc	gagagccaca	ggtgtacacc	360
190						
ctgccccat	cccaggagga	gatgaccaag	aaccaggatca	gcctgacctg	cctggtaaa	420
192						
ggcttctacc	ccagcgacat	cgcgtggag	tggagagca	atggcagcc	ggagaacaac	480
194						
tacaagacca	cgcctccgt	gctggactcc	gacggctct	tcttcctcta	cagcaggcta	540
196						
accgtggaca	agagcaggtg	gcaggagggg	aatgtcttct	catgtccgt	gatgcatgag	600
198						
gctctgcaca	accactacac	acagaagagc	ctctccctgt	ctctggtaa	atga	654
201	<210> SEQ ID NO: 10					
202	<211> LENGTH: 217					
203	<212> TYPE: PRT					
204	<213> ORGANISM: homo sapiens					
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207	Ala Pro Glu Phe Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys					
208	1 5 10 15					
210	Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val					
211	20 25 30					
213	Val Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr					

214	35	40	45	
216	Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu			
217	50	55	60	
219	Gln Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His			
220	65	70	75	80
222	Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys			
223	85	90	95	

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225 Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln
 226 100 105 110
 228 Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln Glu Glu Met
 229 115 120 125
 231 Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
 232 130 135 140
 234 Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn
 235 145 150 155 160
 237 Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu
 238 165 170 175
 240 Tyr Ser Arg Leu Thr Val Asp Lys Ser Arg Trp Gln Glu Gly Asn Val
 241 180 185 190
 243 Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
 244 195 200 205
 246 Lys Ser Leu Ser Leu Ser Leu Gly Lys
 247 210 215
 250 <210> SEQ ID NO: 11
 251 <211> LENGTH: 33
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 253 <213> ORGANISM: Artificial Sequence
 255 <220> FEATURE:
 256 <223> OTHER INFORMATION: primer
 259 <400> SEQUENCE: 11
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263 <210> SEQ ID NO: 12
 264 <211> LENGTH: 33
 265 <212> TYPE: DNA
 266 <213> ORGANISM: Artificial Sequence
 268 <220> FEATURE:
 269 <223> OTHER INFORMATION: primer
 272 <400> SEQUENCE: 12
 273

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276 <210> SEQ ID NO: 13
 277 <211> LENGTH: 15
 278 <212> TYPE: PRT
 279 <213> ORGANISM: homo sapiens
 281 <400> SEQUENCE: 13

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 283 1 5 10 15

286 <210> SEQ ID NO: 14

287 <211> LENGTH: 660

288 <212> TYPE: DNA

289 <213> ORGANISM: homo sapiens

291 <400> SEQUENCE: 14

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aaggacaccc tcatgatctc ccggacccct gaggtcacat gcgtggtggt ggacgtgagc 120
 296

cacgaagacc ctgaggtaa gttcaactgg tacgtggacg gcgtggaggt gcataatgcc 180
 298

aagacaaagc cgccggagga gcagtacaac agcacgtacc gtgtggtcag cgtcctcacc	240
300	
gtcctgcacc aggactggct gaatggcaag gagtacaagt gcaaggctc caacaaagcc	300

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ctcccagccc	ccatcgagaa	aaccatctcc	aaagccaaag	ggcagccccg	agagccacag	360									
304															
gtgtacaccc	tgc	ccccatc	ccgggatgag	ctgaccaaga	accaggtcag	cctgacacctgc	420								
306															
ctggtaaaag	gcttctatcc	cagcgacatc	gccgtggagt	gggagagcaa	tggcagccg	480									
308															
gagaacaact	acaagaccac	gcctcccg	ctggactccg	acggctcctt	cttcctctac	540									
310															
agcaagctca	ccgtggacaa	gagcagg	tg	acgtttctc	atgtccgtg	600									
312															
atgcatgagg	ctctgcacaa	ccactacacg	cagaagagcc	tctccctgtc	tccgggtaaa	660									
314															
						660									
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320 <213>	ORGANISM:	homo sapiens													
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324 1				5			10						15		
326 Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val
327				20			25						30		
329 Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe
330				35			40						45		
332 Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro
333				50			55						60		
335 Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr
336 65				70			75						80		
338 Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val
339				85			90						95		
341 Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala
342				100			105						110		
344 Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg
345				115			120						125		
347 Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly
348				130			135						140		
350 Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro
351 145				145			150						155		160
353 Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser
354				165			170						175		
356 Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln
357				180			185						190		
359 Gly	Asn	Val	Phe	Ser	Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His
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369 <213>	ORGANISM:	Artificial Sequence													
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372 <223>	OTHER INFORMATION:	primer													

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VERIFICATION SUMMARY DATE: 10/12/2006
PATENT APPLICATION: US/10/535,341 **TIME:** 09:24:54

Input Set : E:\seq_430156_40luspC.app.txt
Output Set: N:\CRF4\10122006\J535341.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date